

North Grampian

Including North and West Cairngorms National Park, Monadhliath, Ben Alder, Creag Meagaidh, Loch Ericht and Loch Rannoch

Forecast valid from 06:00 on Wednesday 21 Dec 2022 until 23:59 on Thursday 22 Dec 2022

Forecast Issued on Wednesday 21 Dec 2022 at 02:04 by Met Office Aberdeen

Confidence: High for unsettled showery theme for Wednesday and later Thursday, but lower for the detail of worst of weather, also for the evolution to fairer weather from Friday with limited consensus between the main models.

Headline for Wednesday 21 Dec 2022: Showery. Severe summit gales at first. Freezing level lifting.

Mountain weather hazards on Wednesday 21 Dec 2022

Blizzards

No Likelihood

Heavy persistent snow

No Likelihood

Storm force winds

Low Likelihood

Gales

Medium Likelihood

Severe chill effect

Medium Likelihood

Poor visibility

Low Likelihood

Thunderstorms

No Likelihood

Heavy persistent rain

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Heavy snow	Heavy snow	Heavy snow	Heavy snow	Heavy snow	Light snow
Precipitation probability					
40%	50%	60%	60%	40%	40%

Forecast for Wednesday 21 Dec 2022

Weather: Occasional showers of snow and rain through the day, heavy at times, particularly in the west. Snow level 400-500m at first, gradually lifting with showers easing a little during the afternoon.

Chance of cloud-free hill tops above 800m: Initially 40% in west, 80% for east, becoming late afternoon 70% and 90% plus respectively

Low cloud and visibility: Good becoming moderate or poor in rain, very poor in snow, virtually nil within cloud with bases beginning broken in west scattered in east above 500m, before improving into the afternoon

Forecast for Wednesday 21 Dec 2022

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1300	54/69 S	44/57 S	38/51 SW	42/57 SW	40/54 SW	29/40 W	26/35 W
900	64/77 S	50/61 S	41/51 SW	40/51 SW	38/49 SW	26/34 SW	22/29 SW
600	44/57 S	35/48 S	26/37 SW	25/35 SW	26/36 SW	18/26 SW	15/23 SW
300	20/45 S	19/42 S	13/30 SW	12/28 SW	14/32 SW	9/23 SW	7/18 SW
Glen	7/34 SW	7/30 SW	6/25 SW	5/23 SW	5/24 SW	4/19 SW	4/17 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1300	-4/-16	-4/-15	-3/-13	-2/-12	-3/-12	-2/-11	-2/-10
900	-1/-12	-0/-10	0/-8	1/-8	0/-8	1/-6	0/-6
600	1/-8	2/-6	2/-4	3/-3	2/-4	3/-3	3/-2
300	3/-3	3/-2	4/-0	4/0	4/-0	4/1	4/1
Glen	2/-2	2/-3	4/1	5/2	5/2	4/2	4/1
Freezing Level*	600m	700m	900m	1000m	1000m	1000m	1000m

*Level above which ground is expected to be frozen/snow is expected to settle.

Met Office Aberdeen Meteorologist's View

Most difficult conditions at first in west at height. Some risk of storm force winds across most exposed ridges and summits at first.

Forecast for Thursday 22 Dec 2022

Weather: Further showers though these isolated and light through the morning, before building from the north through the late afternoon and evening. Snow level 800-900 m lowering 500m by evening.

Maximum wind: Variable 15mph or less

Chance of cloud-free hill tops above 800m: 90% plus for morning, becoming 60% from late afternoon

Low cloud and visibility: Good becoming moderate or poor in rain, very poor in snow, virtually nil within cloud with bases infrequently lowering 500m at first, becoming occasionally so later in day

Temperature: **Glens:** Minus 1 Celsius increasing 6 Celsius for afternoon

At 800m: Minus 2 Celsius lowering Minus 4 Celsius

Freezing level: 1000m lowering 700m